

Central type cooling water system with variable power

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Abstract of TW412629B

The invention relates to a central type cooling water system with variable power, especially for a kind of cooling water supply system suitable for various kind of heat exchange occasion need to be cooled, mainly comprising one or more set of cooling towers equipped for many main chillers (or process equipment need to be cooled). Based upon the comparison between measured cooling water temperature and set temperature, the controller directly control the operation and activation of the fan motor and cooling auxiliary pump of each cooling tower in accordance with the preset control process, to make the operation of system to be under variable power control mode, so that the cooling water supply condition completely conforms to practical requirement so as to achieve the benefit of preventing over-cooling, increasing operation performance and saving water consumption, etc.

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